

ABSTRACT

In order to design an electric motor with a housing, with a rotor and with a stator, each stator unit including pole shoes, formed as claw poles, as well as a coil positioned following the rotor in the direction of the rotor axis, by means of which the pole shoes can be magnetized, at low cost, it is proposed that the stator unit has two pole shoe elements of which a first pole shoe element has a first pole shoe carrier as well as first pole shoes formed integrally onto this carrier and of which a second pole shoe element has a second pole shoe carrier as well as second pole shoes formed integrally onto this carrier, and that the first pole shoe carrier carries a connecting element which establishes a magnetic circuit between the pole shoe carriers and which is fixedly connected to at least the second pole shoe carrier.